



CASES

QUAD CAMERA CARRYING/STORAGE CASE

A handsome, charcoal-gray, lightweight, heavy-duty, Fiberglas, locked case including two removable gadget bags, film storage compartments and identification tags. Camera is cradled by long-wearing two-inch gray plastic foam on all surfaces for shock protection. Ideally designed to enhance the portability and protective storage of all models of the QUAD Camera.

Model C-1

\$40.00



C-1



C-2

PORTABLE TRIPOD CARRYING CASE

Fabricated of rugged "Tolex" plastic with genuine horsehide ends for added durability, the case features combination shoulder-sling/handle strap. For T-2 Tripod only.

Model C-2

\$5.50

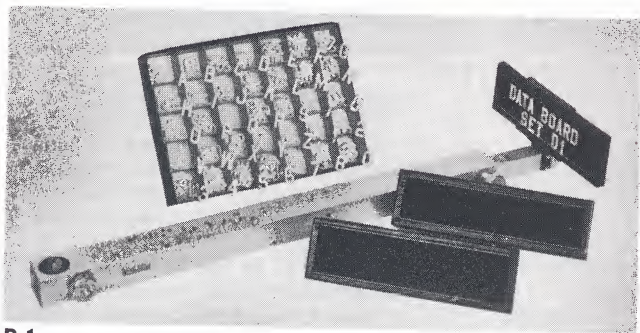
DATA DISPLAYS

MANUAL DATA BOARD SETS

Aluminum telescoping arm with one-inch gradations from 28" to 48" extension, together with data board holder. Three black felt 3½" x 12" data boards and a balanced set of 188 ¾" white plastic letters and numerals, boxed complete in compartmented carton. Designed for concurrent use of the three boards with pronged backs for quicker changeover. Unit is keyed for correct camera alignment and tripod stability, with rectangular cross-section to prevent board tilt. It is recommended for use with the Series B QUAD Cameras for three lines of data and the Series A Cameras for one line of data only. Not adaptable to Model T-2 Tripod.

Model D-1

\$60.00



D-1

Model D-2L Extra data letters and boards only. \$25.00

Model D-2B Data positioning bar only (with cabling brackets if specified) for D-2L and D-4. \$45.00

ELECTRO-DISPLAY (Automatic)

This unit eliminates all manual labor in connection with displaying data on photos. The operator dials in between 1 and 6 digits which appear directly on the rotary dial switches as they appear on the display itself. Numerals are 15/16" high behind a non-glare screen which is vividly portrayed on the QUAD photo. Digits may be dropped or added at will, and coded in three colors — red, green, and black-and-white for color coding with color film. Illumination intensity may be tripled instantly by pressing the momentary intensity switch in the event of serious voltage dropoff. Bulb replacement minimum, 5,000 hours life and easily accessible for immediate clip-on replacement. Entire unit portable and packable by merely flipping toggle switch at display to release from boom, and unscrewing two wing-nuts at the power control console on the tripod. Beautiful, contemporary modular styling. All controls at counter height for the operator. Complete with 10 ft. patch power cord to protect camera from tipping in the event cord is tripped over.

Model D-3 Electro-Display Set, complete with control and display module, special reinforced, heavy-duty tripod, and special cable-carrying, positioning bar. \$895.00

Model D-4 Control and display modules only \$695.00



D-3

LIGHTING



L-1



L-3

Other DUOMATIC Models to be announced.

FLOODLIGHTS (black-and-white film)

A scientifically designed aluminum floodlight bracket and holder for mounting on all Avant tripods and pedestals (independent of data boards). Unit comes with 8 ft. switch-off cord and recommended to utilize a single, standard 75 watt (or 150 watt) long-life, sealed reflector floodlight — General Electric 75R or equivalent. Light shaft detaches instantly for hand use when reflections are a problem. The single light source is centered over the camera. Less cumbersome and photographically superior to multi-light sources for cross-shadow elimination.

Model L-1 (furnished without bulb) — for T-1, T-3, T-4. **\$25.00**

Model L-2 (furnished without bulb) — for T-2. **\$25.00**

RING STROBE LIGHT (color film)

Special 25, 50, 100, and 200 watt second AC shadow-free electronic ring light, instantly snaps on the QUAD shutter. Also adapts to DUOMATIC attachment. Scientifically designed to eliminate any interference with viewfinder light path and accessibility to aperture adjustment rings. Permits complete freedom to use M-1 Rotary Lens Mask. 3-8 second recovery time indicated by ready light on the base of the ring light unit. Power supply attaches by special bracket and thumb screws to T-1 and T-3 Tripod elevating columns (with no interference with the D-3 Electro-Display control console). Pilot light on power supply indicates when power is on. Modern, functional styling in black and brushed aluminum to harmonize with the QUAD Camera. Rubber feet on the bottom and back of the power supply for optional table-top use. Complete with 8 ft. patch cord which pulls out when tripped over. No tools necessary.

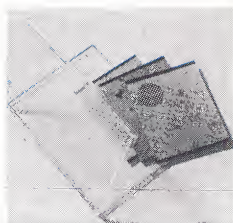
Model L-3 **\$175.00**

SPECIAL QUAD WINK LIGHT

Ideal for marginal lighting situations using black-and-white film where the QUAD is used portably. Compact light mounts to the side tripod mount of the QUAD Camera. The wink light contains a battery and bulb sufficient for 1000 flashes minimum. Special synchronizer cord. Light pattern diffused over the QUAD subject area. Sufficiently compact to pack in the C-1 Carrying Case along with the Camera.

Model L-4 (batteries included) Not shown (Special Order). **\$25.00**

Precision acetate contact half-tone screen designed for medium quality half-tone printed reproductions, such as for technical manuals, directories, reports, prisoner alarms, photographic checks, school annuals, etc. Contact screens may be immediately installed in ID 32-40 roll-back QUAD Camera series only, by attaching adhesive edges to the camera light tunnel area. Ultimate printed resolution should be approximately 85 lines per inch. Therefore, for contact or 1:1 ratio printing the standard 85-line per inch screen should be used. For approximate 20% enlarging the 100-line per inch screen should be used. For approximate 35% reduction, a 65-line per inch screen should be used. All screens come in a protective plexiglass, transparent box for storage and ease of viewing.



Model H-1 Half-tone screen set consisting of 3 assorted screens of 100, 85, and 65 lines per inch. **\$25.00**

Model H-2 Individual half-tone screens (specify line value desired — otherwise an 85-line per inch screen will be sent). **\$10.00**

Model H-3 Half-tone screen set of 3 screens all of the same number of lines per inch (specify). **\$25.00**

PRINTING SCREENS

STANDOFFS AND MOUNTS

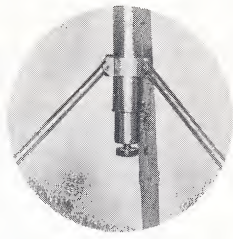
VERTICAL STANDOFFS

Used to adapt non-Avant tripods and pedestals for vertical mounting of QUAD Cameras. Consists of a four-inch cylindrical mounting bracket with standard 1/4"/20 male threads for insertion in the QUAD Camera and standard 1/4"/20 female threads suitable for receiving standard tripod mounting screws. Gasket at head to prevent scarring the instrument.

Model S-1 **\$5.00**

Your Dealer:

TRIPODS AND PEDESTALS



T-1



T-2



T-4

HEAVY DUTY TRIPOD

Rigid, two-tone, black and aluminum tripod specifically designed for fixed locations (identification photos, etc.). Adjustable leg-spread permits usage in "tight" or uneven quarters. Special mounting head (no S-1 Standoff needed) eliminates identification alignment problems. No tilt minimizes height chart parallax. Quick disconnect mounting screw (see insert photo) provides ease of accessibility and speedy disassembly of camera from tripod. Tripod provides a complete, flexible height range from 38" to 98" for sitting or standing poses. The Model F-1 Floodlight is designed for use with this tripod. The Model T-1 Tripod, D-1 Data Board, and F-1 Floodlight are automatically self-aligning when assembled.

Model T-1

\$90.00

PORTABLE TRIPOD

A light-weight, two-tone, black and aluminum, telescoping tripod which is color matched to the Avant Cameras. Special mounting head (no S-1 Standoff needed) eliminates identification alignment problems. Quick disconnect mounting screw provides ease of accessibility and speedy disassembly of the camera from the tripod. Tripod provides complete, flexible height range from 29" to 76". The model C-2 Tripod Carrying Case, and the Model F-2 Floodlight are designed for use with this tripod. Not recommended for heavier DUOMATIC attachment and camera.

Model T-2

\$40.00

REINFORCED HEAVY-DUTY TRIPOD

A scientifically designed special elevating column, bracing, and weight balancing, permits this reinforced heavy-duty tripod to carry an extra heavy load cantilevered out from it up to the full 48" extension permitted on the Avant positioning board. This unit has been expressly designed to support the D-3 and D-4 Electro-Displays. Complete with cable supporting data positioning bar.

Model T-3

\$200.00

HEAVY-DUTY STATIONARY PEDESTAL

Pedestal 6" in diameter by 38" high, mounts on a flange with four bolt holes to the floor. Elevating column raises from 38" to 58". Removable column head screws into camera and caps elevating column, including a special safety catch. Keyed to mount F-1 Floodlight and D-1 Data Board positioning arm. Finished in black and brushed aluminum to harmonize with the Avant Cameras. Ideal for fixed installations where space is at a premium, or where an extremely heavy load will be cantilevered from the mount.

Model T-4 (Special Order).

\$120.00

HORIZONTAL STANDOFF

Used to adapt Avant tripods and pedestals to a maximum 60" distance between the camera and the data board for special order 60" series B QUAD Cameras where a very small picture ratio of approximately 1:13 is desired. This results in an ultra-small Model B photo. Also useful for horizontal juxtaposition of the camera from the tripod to the right or the left side. Consists of a 13" brushed aluminum solid machined bar with a standard female thread for insertion on the Avant tripod or pedestal mounting screw and a captive male standard thread for insertion into the QUAD or DUOMATIC Camera. (Special order).

Model S-2

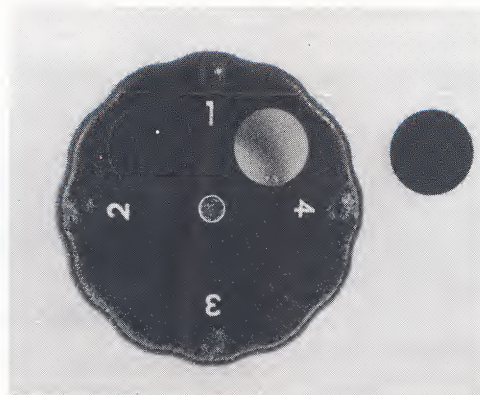
\$25.00

S-1

S-2



ROTARY LENS MASK



M-1

A precisely made stator ring mounts on the QUAD lens barrels, together with a one-or-two-hole (adjustable) detented rotating mask. Permits instantaneous and effortless change-over to two vertical or two horizontal, or four individual QUAD pictures in place of four identical pictures. Ring does not interfere with aperture ring settings or L-3 Ring Strobe. Finished in black with knurled edge and numbered face for instant settings. Fits all QUAD models.

Model M-1

\$15.00

PUNCHES

DUOMATIC CARD TRIMMER

Table mounted parallel steel rule dies cut both DUOMATIC Cards or Badges simultaneously into two 2 3/4" w x 1 3/4" h halves, trimming all borders and images but without rounding corners. Far less rugged than Models P-1, comes in only one size, and for lighter production. Will not cut item 1004 Film Rigidizers.

Model P-4 (not shown).

\$120.00

over

PUNCHES

DUOMATIC ID CARD/BADGE CUTTER

Rugged and ultra-reliable, precision-built die cutter for DUOMATIC Cards and Badges and plastic laminations over the DUOMATIC Cards. Requires no power. Hand action minimizes risk to both operator and the die itself. Rigid frame of all casting construction. Self-lubricating ball bearings. Alignment/discharge window permits exact view of the area to be cut. Simultaneously rounds corners with $\frac{1}{8}$ " diameter arc. Discharge shoot at the bottom for unwanted material. Corner bolt-down holes provided.

Model P-1A 2-13/16" w x 1-13/16" h — DUOMATIC Card and Badges (with or without Backing Sheets 1004) without border. **\$295.00**

Model P-1B 3-1/16" w x 2-1/16" h — for plastic laminate over P-1A size card. **\$295.00**

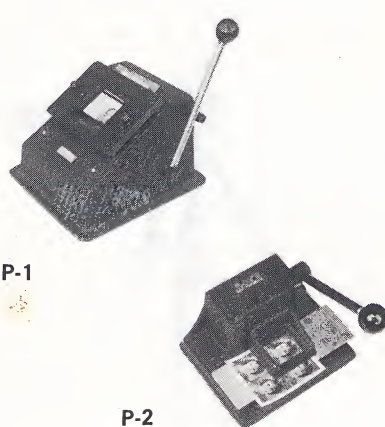
Model P-1C 3-1/16" w x 1-13/16" h — for DUOMATIC Card and Badges (with or without Backing Sheets 1004) for DUOMATIC Card with $\frac{1}{4}$ " punch-off border. **\$295.00**

Model P-1D 3-5/16" w x 2-1/16" h — for plastic laminate over Model P-1C size DUOMATIC Card. **\$295.00**



P-3

P-1



P-2

CROPPING PUNCH

Easily hand-held to adjust various angles and alignments on the photograph for rapid cropping. Rugged, drop-forged construction with heavy chrome plate for long life. Open window construction permits precise alignment of the area to be cut. Suitable only for Series B QUAD photos. 1" w x 1 1/4" h cutout. May be easily stored in the C-1 Carrying Case with QUAD Camera for completely portable operations. Simultaneously rounds corners. Ideal for paste-up ID cards.

Model P-3

\$90.00

QUAD PHOTO CUTTER

Hand operated for portability. Precision-made dies. Table bolt-down holes provided. Open construction permits precise alignment of photo area to be cut. Automatically rounds corners. Black and silver finish. Removes substantially the entire QUAD photo area by a 1 3/8" w x 1 3/4" h cutout. Processed photo easily removable from spring-loaded work area.

Model P-2

\$150.00

FILM RIGIDIZER

Extra heavy-duty (approximately .020" thick) pressure sensitive paper stock manufactured by Polaroid Corporation to the exact size of series 100 — Types 107 and 108 — film. Instructions for application to the film are printed on each brown-paper overlay to the adhesive surface. These protect DUOMATIC Cards from film curl. They also rigidize the card for handling after the DUOMATIC Card and rigidizer has been cut in one of the P-1 Card Cutters. Since these rigidizers are automatically included with POLACOLOR film we offer them to DUOMATIC Card users who utilize Polaroid black-and-white film.

Item 1004 (sufficient for 2 DUOMATIC Cards or Badges each). (not shown) **\$30.00 per thousand**

SUPPLIES

QUAD CARDS

Windowed Hollerith (IBM) electronic data processing cards. Specifically designed to contain black-and-white or color QUAD pictures and to rigidly position and hold them without damage while they are data processed for random access systems installations. Complete QUAD photos (e.g. those cut out on a P-2 QUAD Photo Die Cutter) are slipped in sideways into the windowed pocket and adhere to a slight mastic tab area. The photo emulsion is protected on both the front and back side by a very thin layer of Mylar which is scientifically designed for correct thickness for data processing along with the rest of the card. Cards are .009" thick, or postcard weight, for extra rigidity and extra long-life processing. Human-readable data may be automatically printed along the entire top of the card and 60 columns of data may be punched along the side.

Item 1001 (unprinted).

\$50.00 per thousand

DUOMATIC FILE CARDS

Similar to Item 1001 except with a larger window specifically designed to permit processing of complete DUOMATIC ID Cards or Badges (e.g. those cut out by P1-A Card Cutter). These postcard-weight cards provide the complete card width at the top for human readable data plus 40 columns for punched machine-readable data along the side for random access systems.

Item 1002 (unprinted).

\$60.00 per thousand

DATA PROCESSING

Both items 1001 and 1002 are ideal for such institutions as colleges, hospitals, police departments, large security installations, etc. where it is desirable to rapidly retrieve a certain group of pictures corresponding with certain characteristics such as height, or weight, or address, or parking privileges, or academic major — all of these in combination, etc. for either control or publicity purposes. Special printing extra.

Foreign prices higher

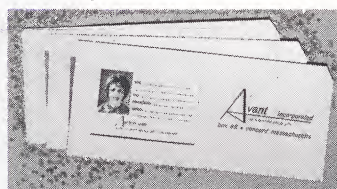
Prices and specifications subject to change without notice



1001



1005



1002

DUOMATIC PLASTI-SLEEVES

Rigid, clear acetate jackets which may be used in lieu of plastic lamination to protect the surface and prevent edge peel of Avant DUOMATIC ID Cards or Badges mounted on Rigidizers, Item 1003, and die cut on either Punches P1-A or P1-C. It is essential that Avant DUOMATIC ID Cards be protected either by lamination or by these clear plastic jackets for wallet use, etc.

Item 1005-A — for protecting P1-A DUOMATIC Cards.

\$30.00 per thousand

Item 1005-C — for protecting P1-C DUOMATIC Cards.

\$30.00 per thousand

DUOMATIC INPUT CARDS

Standard .007" thick official IBM Cards which may be custom printed for insertion into the DUOMATIC Camera. Three Corners are rounded to prevent "dog-earring," and markedly increase the wear characteristics. One corner "nicked" off for reference. Available in white, pink, yellow and blue for color-coding purposes. Specify color desired.

Item 1003 (not shown).

\$5.00 per thousand

NOTE: A quick and high quality custom designing and printing service is available for Items 1001, 1002, and 1003. Quotations supplied upon request.

AS 2-10-0964